

the _____ is

atom



CLOZE-ING IN ON SCIENCE

Name: _____ Date: _____

INSTRUCTIONS: Use the word bank to fill in the blanks for each cloze passage. Some words may not be used. Some words may be used more than once.

Cloze 1

force motion movement pull exerts changing
speed direction position pushes friction

A _____ is a push or a _____. When one _____ force on another object, the _____ of the second object changes.

When the state of _____ is changing the object's _____ and/or _____ change. _____ is the force that opposes the direction of motion.

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Cloze 2

state of motion	position	balanced	unbalanced	force
motion	direction	acts	change	at rest
			friction	oppose

An object at rest stays in its resting _____ until a(n) _____ force acts upon it. When an unbalanced _____ is exerted on an object, it results in a change in the object's _____.

An object in _____ will move in the same _____ and at the same speed until a(n) _____ force _____ upon it. By contrast, when equal and opposite forces act on an object, there is no _____ in the state of motion. Such forces are called _____.

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Cloze 3

speed	second	position	distance	hours	time
average		dividing	adding	meter	

_____ is a measurement of the rate of change of
 _____ with respect to time. The speed of an object is the
 _____ the object travels per unit of
 _____.

Because the speed of most moving objects is not constant, we frequently
 calculate the _____ speed of an object as it travels.

Average _____ is calculated by _____
 the total _____ an object traveled by the total amount of
 _____ it took the object to travel that distance ($s=d/t$).

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Cloze 4

x	time	meters	y	motion	graph
distance		position	location		seconds

A distance versus time _____ illustrates changes in _____.

_____, measured in seconds, is graphed on the horizontal _____ -axis and distance, measured in _____, is graphed on the vertical _____ -axis. The x-coordinate of a point represents a particular point in time, and the value of the y-coordinate tells you the _____ that object has traveled, or how much the object's _____ has changed.